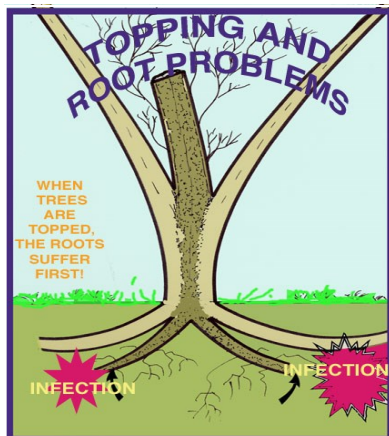


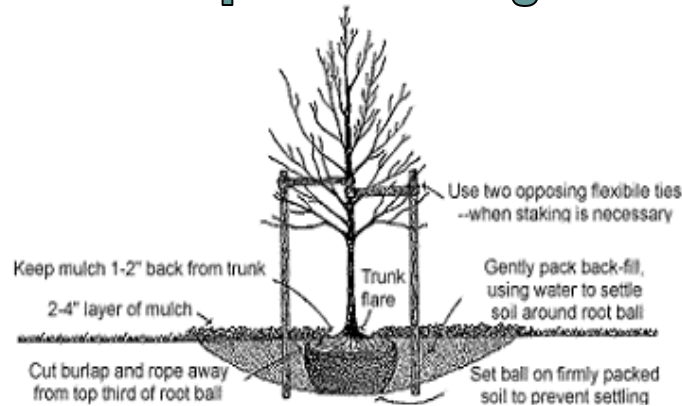
Boulevard Tree Specifications

- **Trees must be planted**
 - 7 Feet** from driveway
 - 12 Feet** from utility boxes
 - 25 Feet** from intersections of sidewalks
 - 30 Feet** from private trees
 - 20 Feet** from street lights
 - +35 Feet** between boulevard trees

Topping Hurts Trees



Proper Planting



Tree must be planted with the trunk flare exposed, and the first lateral root 1" under the soil surface.

Girdling roots will kill trees and must be addressed at planting.

Proper Mulching

No



Yes



Rochester Park
and Recreation

Tree Selection Guide

Questions?

Forestry Division

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CITY OF ROCHESTER'S LIST OF APPROVED BOULEVARD TREES

Ohio Buckeye

Height: 20-40'

Width: 20-30'

Hardiness Zone: 3b

Ohio Buckeye has a dense oval to round form, branching quite low. It is one of the first trees to leaf out in the spring. The leaves are palmately compound with 5-7 leaflets that are 4-5 inches long. Foliage is medium to dark green and may develop yellow or orange fall color. In spring the tree is covered with many upright panicles of creamy yellowish flowers. Fruit is a glossy brown nut enclosed in a thick husk.

Autumn Splendor Buckeye

'Autumn Splendor' is similar to Ohio Buckeye but has excellent resistance to leaf scorch. It has glossy dark green leaves which remain in good condition throughout the growing season. It develops an outstanding maroon red fall color. It was introduced by the University of Minnesota Landscape Arboretum.

Kentucky Coffeetree

Height: 50-70'

Width: 30-50'

Hardiness Zone: 3b

Kentucky Coffeetree is a large upright oval to rounded tree, broadening with age. It has a rather irregular, coarse outline in the winter. Bark is dark with unique scaly ridges. It has very large bipinnately compound leaves. Individual leaflets are 1-2" long. Fall color is yellow. Sexes are separate. Female trees produce chunky, dark brown flattened pods about 57" long and 1 1/2" wide. They remain on the tree all winter, adding a great deal of interest to the winter landscape. Male trees do not produce fruit. Native as far north as south central Minnesota.

His Majesty Corktree

Height: 30-50'

Width: 30-50'

Hardiness Zone: 3b

Corktree have a broad, rounded crown without a strong central leader. They have a rapid growth rate when young. The gray-brown bark becomes fissured and corky with age. Branching tends to be quite low. Sexes are separate. Flowers are greenish and not very conspicuous. Females produce large clusters of fleshy black fruit which remain on the tree into the winter. The medium green leaflets are 3" long and develop a good yellow fall color. 'Macho' is a male selection of Amur Corktree that has ascending branches.

Snowdrift Crabapple

Height: 15-20'

Width: 15-20'

Hardiness Zone: 3b

Snowdrift Crabapple has a dense rounded crown. Flowers are white and fruit is bright orange and fairly persistent providing an excellent display in fall. Fruit are 3/8" in diameter. The glossy dark green foliage develops a good yellow fall color.



APPROVED FOR UNDER
POWER LINES

Accolade Elm

Discovery Elm

New Horizon Elm

Height: 40-60'

Width: 20-40'

Hardiness Zone: 3b-4b

Breeding efforts have been devoted to incorporating resistance to Dutch elm disease with desirable aesthetic qualities and tolerance to adverse environmental conditions. Several resistant cultivars with considerable merit are now becoming available. These new hybrids may enable the elm to again become an important landscape tree. Several different species have been involved in their breeding so cold hardiness and habits of these hybrids also differ.

Autumn Gold Ginkgo

Magyar Ginkgo

Princeton Sentry Ginkgo

Height: 40-60'

Width: 20-40'

Hardiness Zone: 4a

Ginkgo is a relic tree species that is well adapted to city conditions. It has attractive, clean green fan shaped leaves which develop a clear yellow fall color. Its form is pyramidal, broadening with age and becoming picturesque.

Hackberry

Height: 40-60'

Width: 30-50'

Hardiness Zone: 3a

Common Hackberry is a native tree throughout the upper Midwest. This medium sized tree has a broad oval to rounded crown. Leaves are a medium green color. Fall color is greenish yellow. The round fruit is about 3/8" in diameter, purplish brown, and is readily eaten by birds and other wildlife. The bark is gray and has a unique warty texture.

Prairie Pride™ - has a compact oval crown and dark green foliage. Does not produce witches' brooms.

European Larch

Height: 40-70'

Width: 20-40'

Hardiness Zone: 3a.

Larch is one of the few conifers that loses its foliage each year. The soft, bright green needles emerge in spring. Needles turn a spectacular bright golden yellow in late autumn. Cones are small and light brown. Larch is pyramidal when young, becoming more irregular and wider with age. Branches arise horizontally from the trunk. European Larch is a large growing species with a broad pyramidal form becoming wider and more irregular as an old specimen. It has graceful pendulous branchlets.

Ivory Silk Lilac

Japanese Tree Lilac

Height: 15-20'

Width: 12-15'

Hardiness Zone: 3a

Tree Lilac is an excellent oval shaped small tree. It produces large 5-6" clusters of small, fragrant, creamy-white flowers in late June-early July when few other trees are blooming. Plant crown is quite dense especially in young trees. Fruit is a capsule that turns from light green to brown as it matures. Bark is quite dark with noticeable white lenticels, resembling bark of cherry trees



APPROVED FOR UNDER
POWER LINES

Boulevard Linden

Redmond Linden

American Sentry Linden

Height: 50-75'

Width: 25-40'

Hardiness Zone: 3a

American Linden or Basswood is an excellent landscape tree for large scale sites. It is a large tree with an oval to rounded crown. The rounded leaves are quite large, reaching 4-6" in both length and width. Fall color is pale yellow. The small yellowish flowers open in June and are very fragrant; they are a favorite source of nectar for honey bees. American Linden is native throughout the upper Midwest.

Amur Maackia

Height: 12-20'

Width: 10-20'

Hardiness Zone: 3a

Amur Maackia is an excellent small tree that possesses extreme tolerance to cold winter temperatures. The trees are very attractive as the new foliage emerges with a downy silvery appearance. Leaves are pinnately compound. Mature foliage is a dark green. It flowers in mid July. The creamy white flowers are borne in upright racemes, 4-6" long. Bark color is a greenish-brown with a patchy appearance. It is a member of the legume family.



APPROVED FOR UNDER
POWER LINES

Amur Chokecherry

Height: 20-30'

Width: 18-25'

Hardiness Zone: 3a

Amur Chokecherry is a rapid growing small tree that has very attractive smooth copper colored bark. It produces long clusters of small white flowers in spring. Mature fruit is small, black in color and quickly eaten by birds. Tree form is oval, becoming more rounded with age. The smooth, copper colored bark is very effective in the winter landscape. It is one of the hardiest ornamental cherry trees available.

Autumn Blaze Maple (limited use)

Height: 40-70'

Width: 30-50'

Hardiness Zone: 3b

A fast growing large tree with an upright oval to rounded crown. Because of its large size and brittle branches which break easily in storms, it is not recommended for small residential properties. Small yellowish to red flowers open in early spring. Seeds mature on female trees in late May and germinate immediately. Leaves are lobed with deep sinuses, light green in color with a silvery lower surface. The yellow fall color is usually not outstanding.

Columnar Norway Maple

'Columnar' - has a compact narrow columnar form with ascending branches.

Height: 40-60'

Width: 30-50'

Hardiness Zone: 4a

An attractive landscape tree that is tolerant of urban conditions. It has a round oval crown and is very dense. It has large, dark green five lobed leaves which remain in good condition throughout the growing season. The foliage remains green later than most other deciduous trees and may turn a clear yellow in the fall. Numerous showy clusters of bright greenish yellow flowers appear in the spring.

State Street Miyabe Maple

Height: 40-60'

Width: 30-50'

Hardiness Zone: 4a

Miyabe Maple has an excellent branching habit with superior heat and drought resistance as well as resistance to leaf tatter and is salt and pollution tolerant. The exfoliating bark is mottled gray and tan at maturity. This tree is an excellent choice because of its cold hardiness. Miyabe Maple grows well at the Minnesota Landscape Arboretum.

Bur Oak

Height: 50-80'

Width: 40-80'

Hardiness Zone: 3a

Its form is round to wide spreading. Branches are coarse in texture. Leaves are large with rounded lobes. Lower half of the leaf has deep sinuses while the upper half has very shallow lobes. Fall color is yellow-green to brown. Bur Oak is native throughout the upper Midwest and grows in many different sites. It is extremely adaptable to a wide range of environmental conditions.

Pin Oak

Height: 50-70'

Width: 30-50'

Hardiness Zone: 4a

Pin Oak has a very symmetrical form. Lower branches grow downwards at a 45 degree angle, middle branches grow horizontally, and upper branches grow upward. The foliage has sharp-tipped lobes with deep sinuses. Foliage color is glossy green, developing red-orange to russet fall color. Pin Oak has a fast growth rate which has made it a popular oak for landscape use.

Bicolor Oak

Height: 40-60'

Width: 30-60'

Hardiness Zone: 4a

Bicolor Oak has a broad oval to round crown. It is native to the upper Midwest and is found in the wild in moist lowland sites. It also does well in upland sites in the landscape. Leaves are medium green above and silvery green beneath. Fall color is yellowish tan to orange brown.

White Oak

Height: 50-70'

Width: 40-80'

Hardiness Zone: 3b

White Oak is a large, stately tree with a round to wide spreading crown. It is native from Minnesota and Texas eastward. Natural stands are usually found in areas with loam or clay soil. The medium green leaves are 56" long and have distinct lobes with rounded sinuses and tips. Bark is a light gray color and somewhat scaly on branches. White Oak's wood is strong and durable. The acorns are eaten by many wildlife species.

Mountain Frost Pear

Prairie Gem Pear

Korean Sun Pear

Height: 25-35'

Width: 25-35'

Hardiness Zone: 3b

Develops into a dense, round-headed small to medium sized tree. It has an excellent floral display in early spring. The 1" diameter white flowers cover the plant prior to foliage emergence. The 1 1/2" yellow-green fruit matures in early September. They are not edible. Solitary trees do not fruit since cross pollination is required for fruit development. Leaves are glossy green in summer, turning yellow to purple in autumn.

Serviceberry

Height: 20-25'

Width: 10-20'

Hardiness Zone: 3a



APPROVED FOR UNDER POWER LINES

Serviceberry species are excellent small trees that are well adapted to the climatic conditions of the upper Midwest. They are covered with white flowers in the early spring prior to leafing out. New foliage is often silvery or reddish turning green as it matures. The edible, blue-black fruit ripens in mid summer and is readily eaten by birds as it matures. Foliage develops an excellent yellow-orange to red -purple fall coloration. Crown form is oval to irregular. Has attractive smooth gray bark on the trunk and larger branches.

Tatarian Maple

Height: 18-20'

Width: 18-20'

Hardiness Zone: 3a

Tatarian Maple grows slightly larger and is naturally more tree like in growth habit. Samaras are slightly larger and usually develop a good red coloration when maturing. Fall color is usually yellow to reddish. A good tree for planters or under power lines.

Yellowwood

Height: 25-40'

Width: 20-35'

Hardiness Zone: 4a

Yellowwood is an interesting medium sized tree with an oval crown. It has attractive smooth gray bark. In June it produces 8-12" long pendulous clusters of fragrant white flowers. The individual pea type flowers are 1" long. It may flower in alternate years, or only on part of the tree. The bright green leaves are pinnately compound. Fall color may be yellow to gold. Fruit is a small, thin brown pod about 3" long.

Cucumbertree Magnolia

Height: 40-60'

Width: 25-50'

Hardiness Zone: 4a

Cucumbertree Magnolia is a little known tree that has considerable landscape merit. It has a very regular, pyramidal form with a strong central leader as a young tree. It becomes rounded with age. The bright green leaves are about 5-8" long and half as wide. Fall color is tan or sometimes yellowish. The 2-3" flowers are a greenish yellow and emerge after the tree is in leaf. They are not very noticeable because they blend into the foliage. The fruit looks somewhat like a small, bumpy cucumber and turns pinkish red in late summer. Cucumbertree Magnolia makes an excellent landscape specimen tree.

Turkish Filbert

Height: 40-50'

Width: 20-30'

Hardiness Zone: 4a

These trees deal well with temperature extremes, snowstorms and windstorms. Both the form and leaf shape closely resemble that of a little leaf linden and therefore this tree makes an excellent substitute when a formal, medium sized, pyramidal tree is desired.

*Sources: University of Minnesota Extension & MN Power Tree Handbook